


|  |  |   |
|--|--|---|
| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10593644 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>MIHARA ET AL. |
|  | <b>Examiner</b><br><br>KOURTNEY R SALZMAN      | <b>Art Unit</b><br><br>4128   |

| SEARCHED |   |           |          |
|----------|---|-----------|----------|
| Class    | Subclass  | Date      | Examiner |
| 136      | Subclass 200 and the entire 136 class in conjunction with keyword searching in EAST | 1/3/2008  | krs      |
| 136      | 236.1, 239, 238, 240, 241 again specifically  | 1/29/2009 | krs      |

| SEARCH NOTES  |                      |          |
|---|----------------------|----------|
| Search Notes  | Date                 | Examiner |
| Inventor Search in eDAN and PALM  | 1/3/2008             | krs      |
| Assignee Search in PALM   | 1/3/2008             | krs      |
| Keyword search: thermoelectric, p-type, n-type, p type, n type, nickel, Ni, oxide, lanthan\$5, plastic, substrate, insulat\$3, electrical, resistance in EAST | 1/3/2008             | krs      |
| Google Search: electrical resistance, Seebeck coeffiient and thermoelectromotive forceu   | 1/3/2008             | krs      |
| Updated Searches in EAST and Inventor/Assignee Searches in eDAN and PALM  | 7/24/2008, 1/29/2009 | krs      |
| NPL Searches for complex oxide, n-type, rare earth or lanthanum or lathanide, oxide   | 1/22/2009            | krs      |

| INTERFERENCE SEARCH |          |      |          |
|---------------------|----------|------|----------|
| Class               | Subclass | Date | Examiner |
|                     |          |      |          |

|  |  |
|--|--|
|  |  |
|--|--|